

FIG. 5

FIG. 4

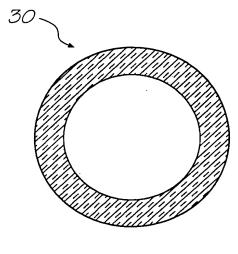


FIG. 6

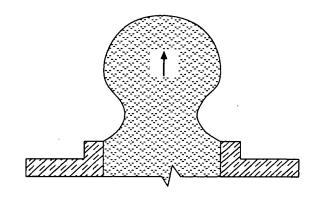


FIG. 7

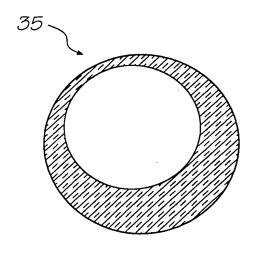


FIG. 8

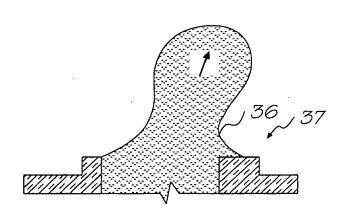
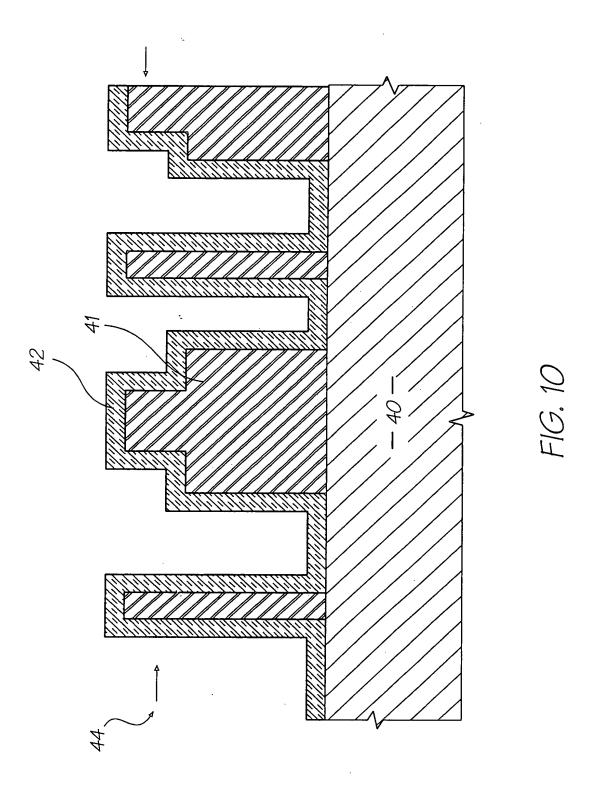
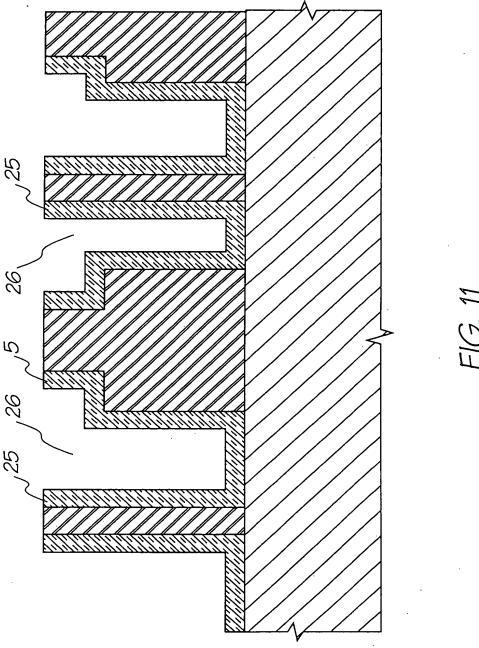


FIG. 9





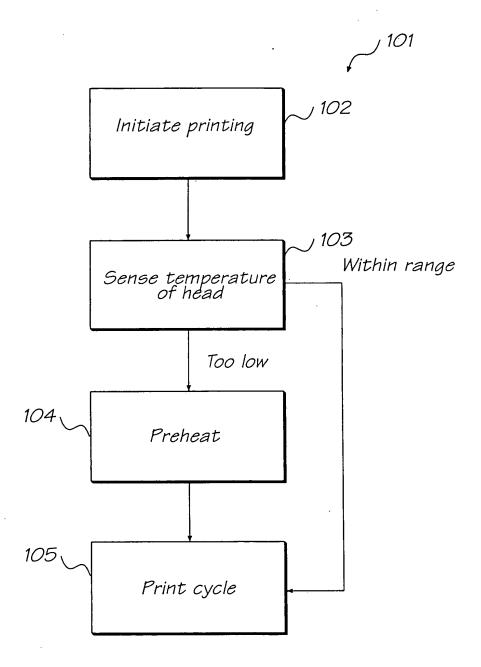
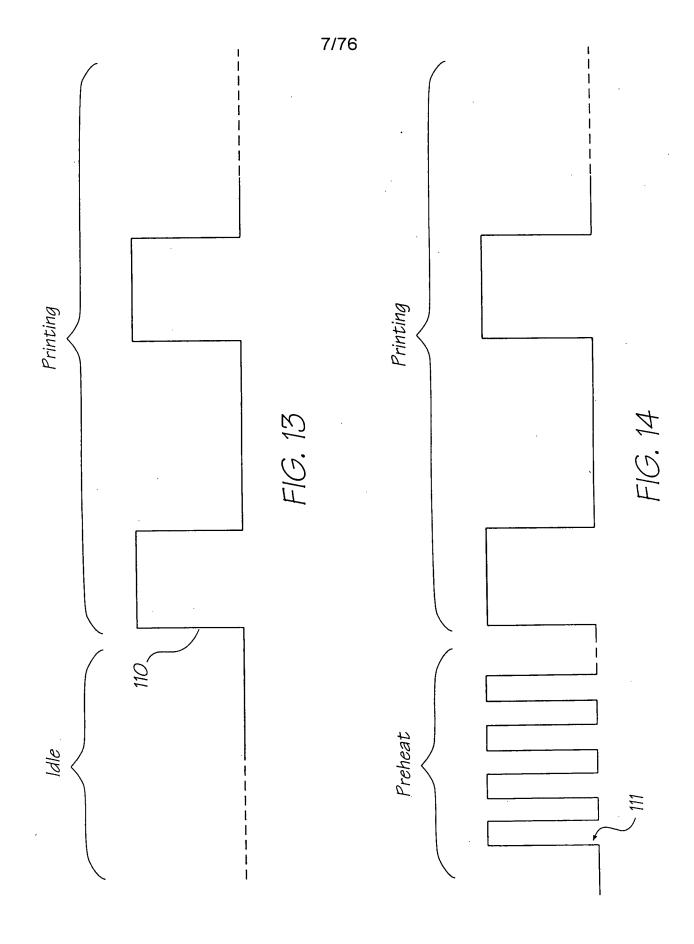
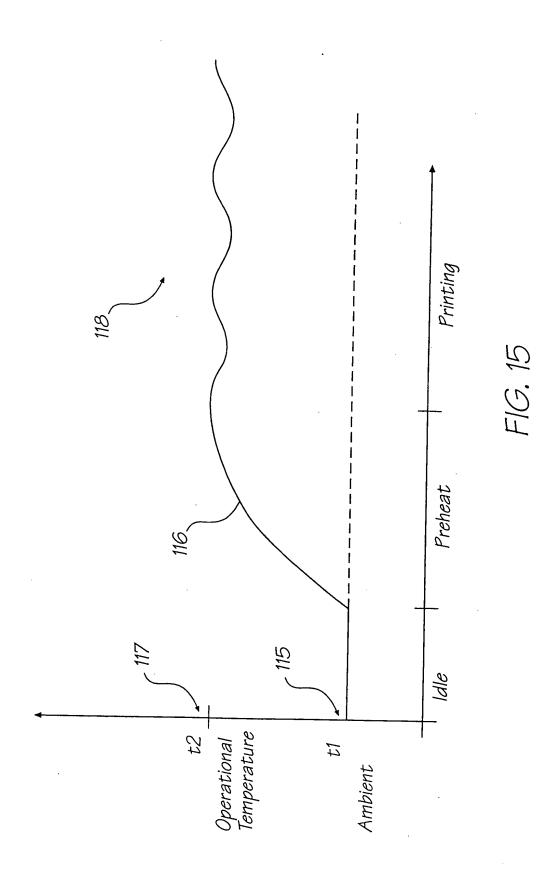
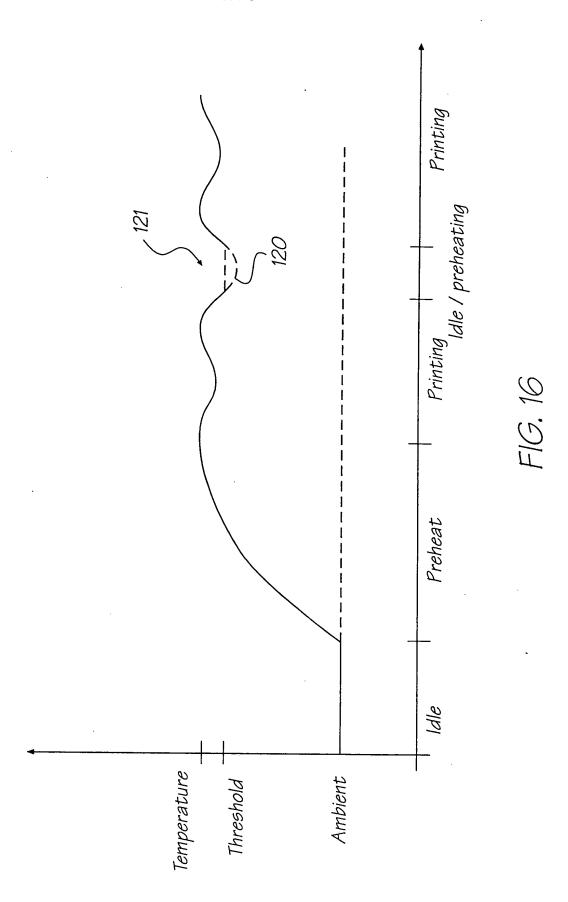


FIG. 12







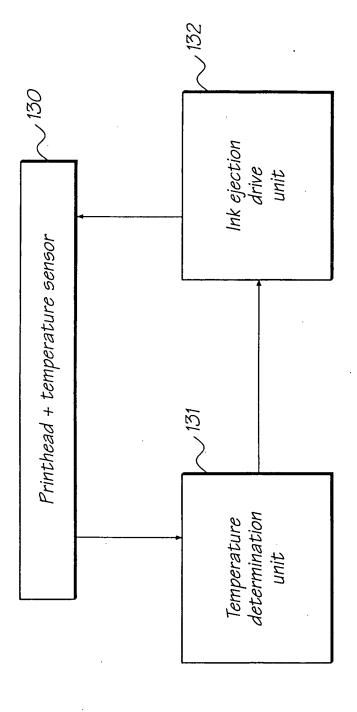
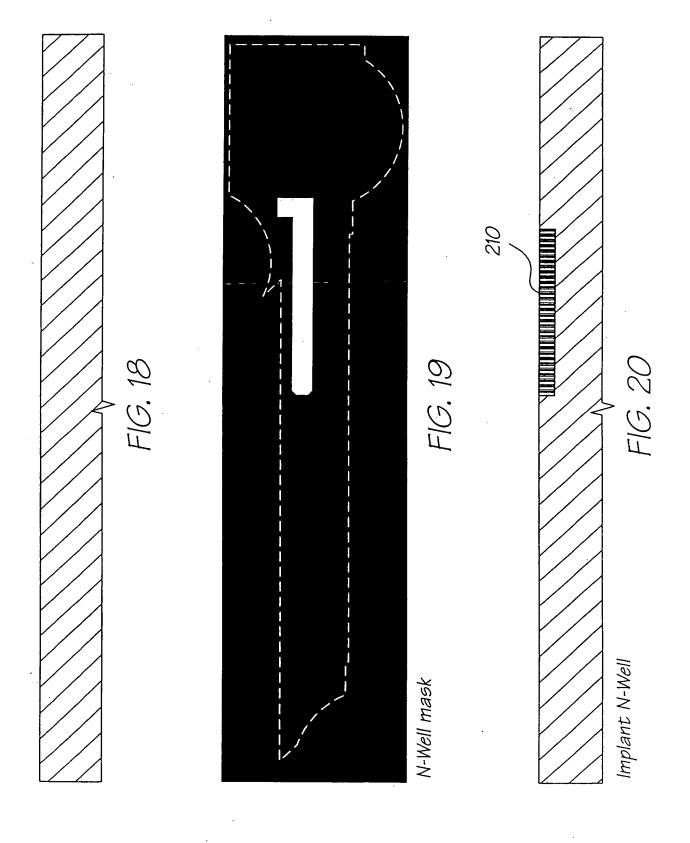


FIG. 17



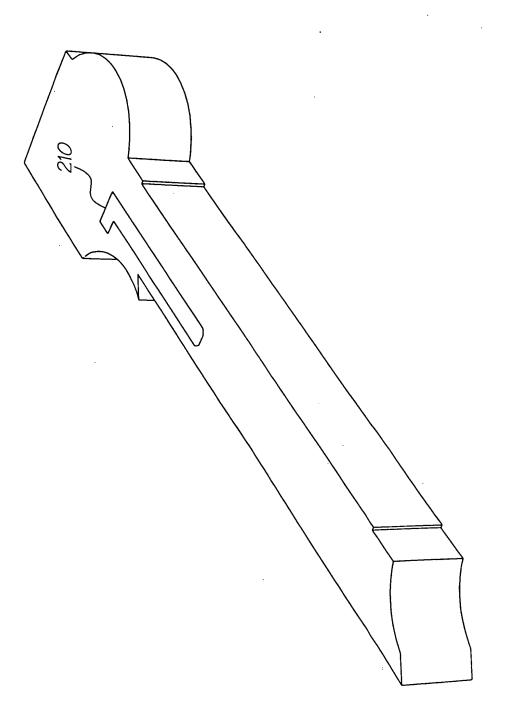
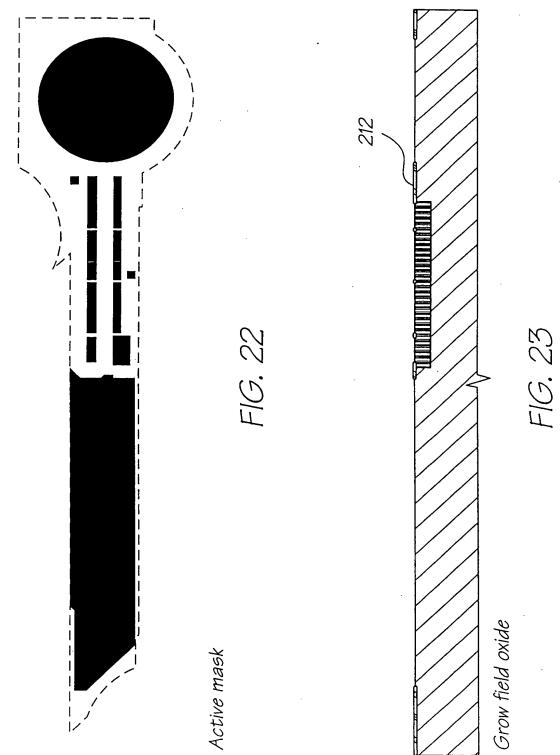


FIG. 21



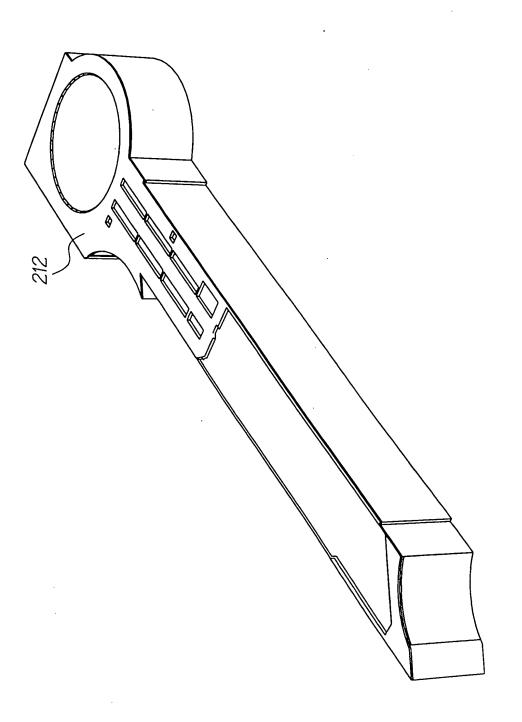
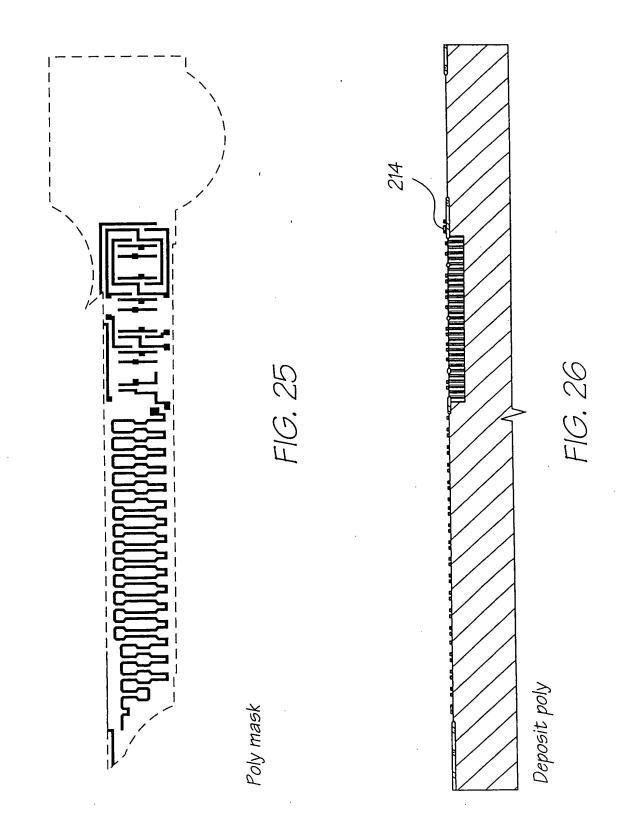


FIG. 24



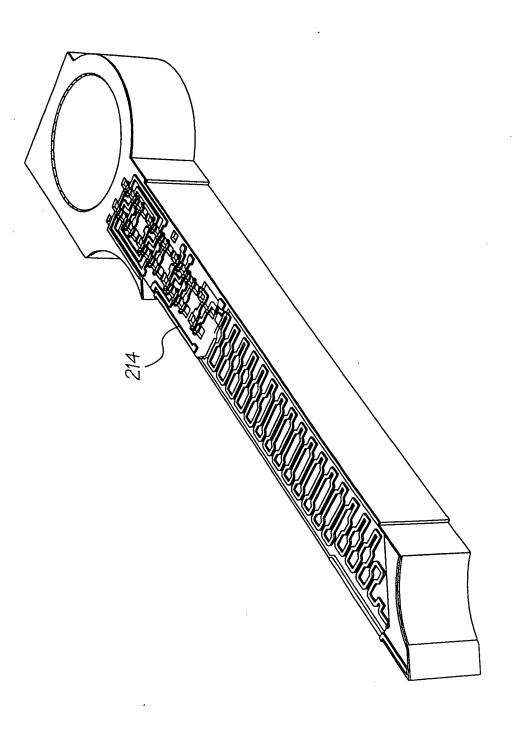
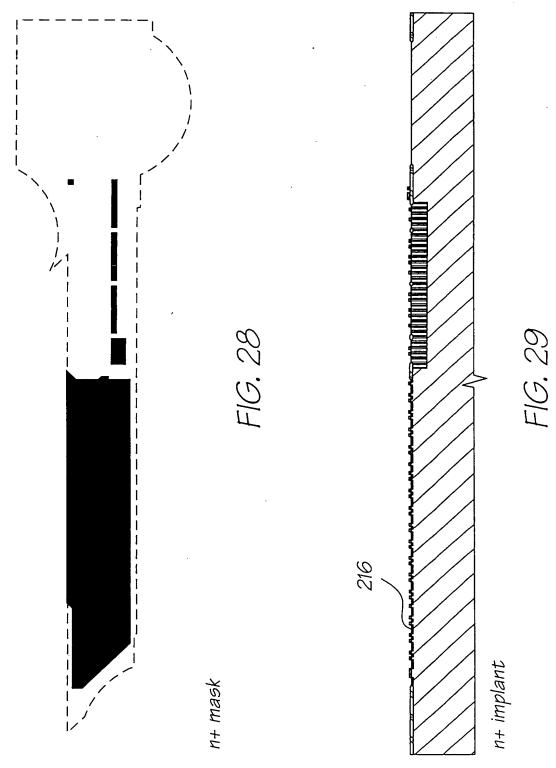


FIG. 27



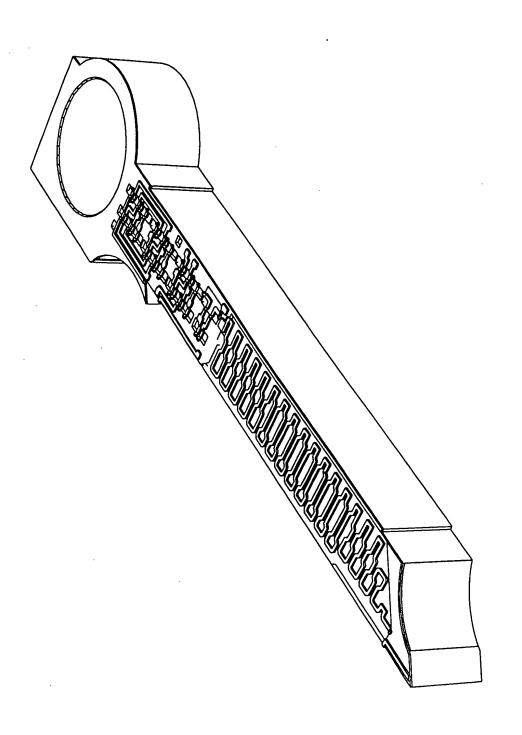
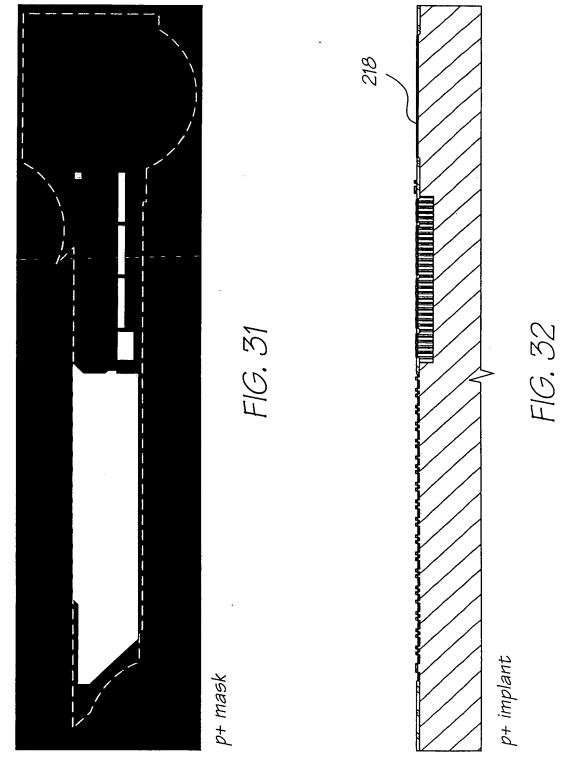


FIG. 30



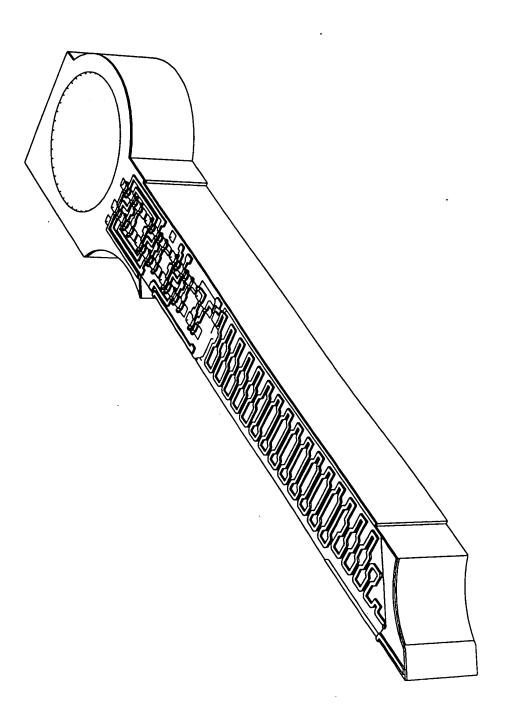
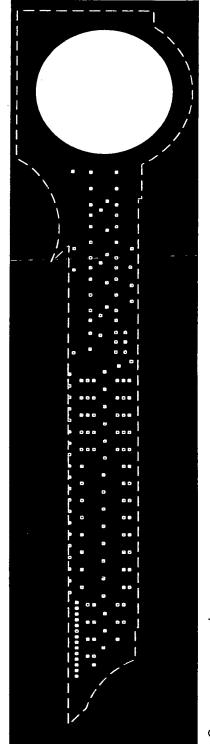
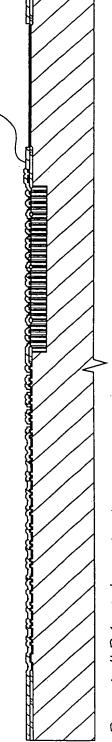


FIG. 33



Contacts mask

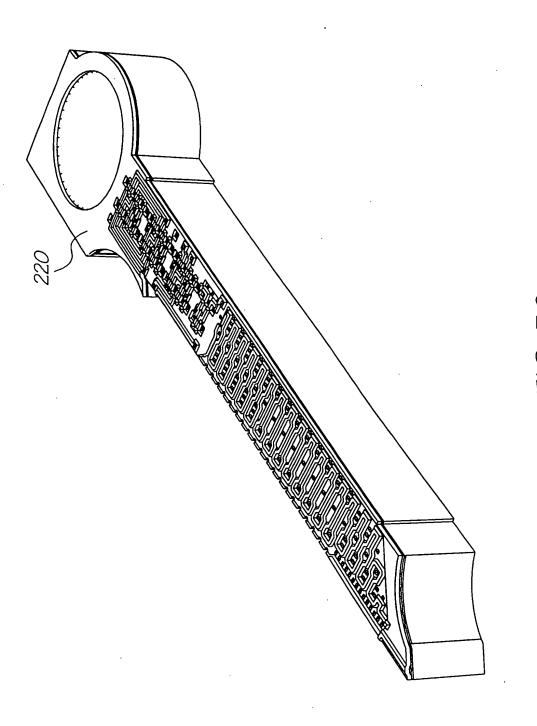
FIG. 34

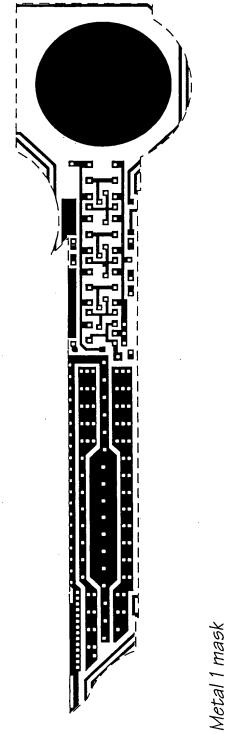


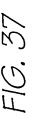
220

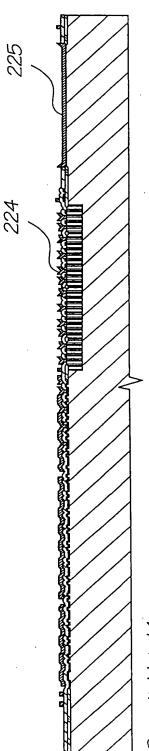
Deposit ILD 1, etch contacts

FIG. 35









Deposit Metal 1

FIG. 38

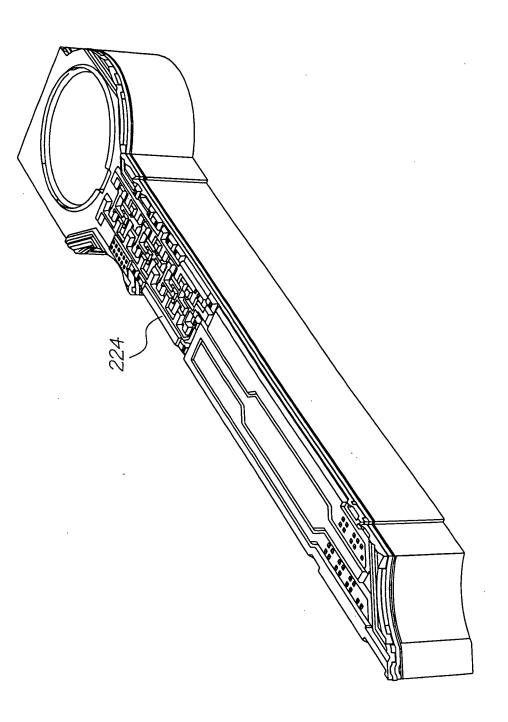
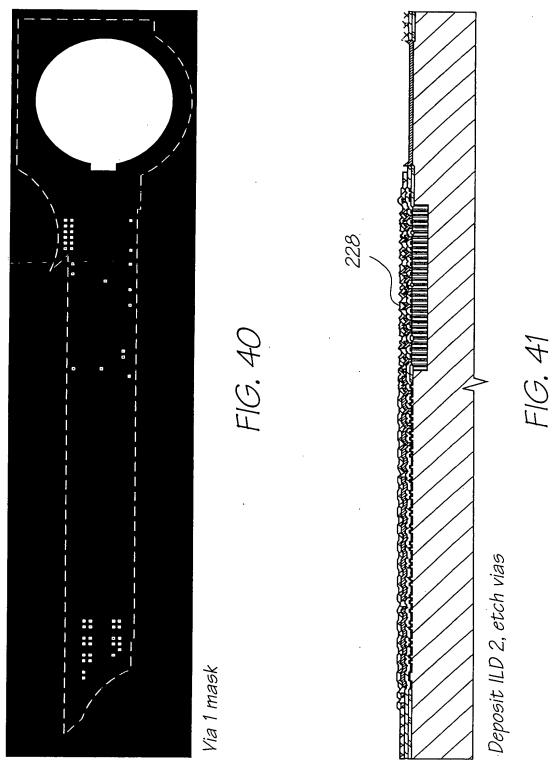
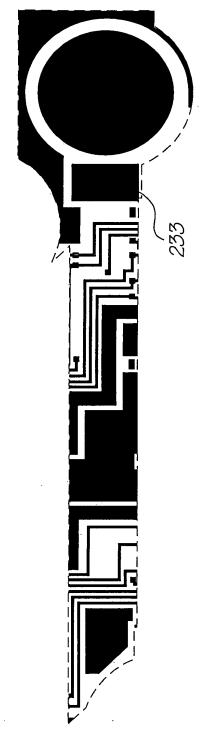


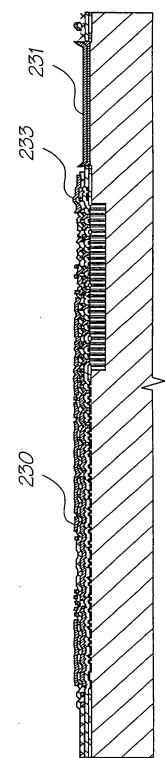
FIG. 39





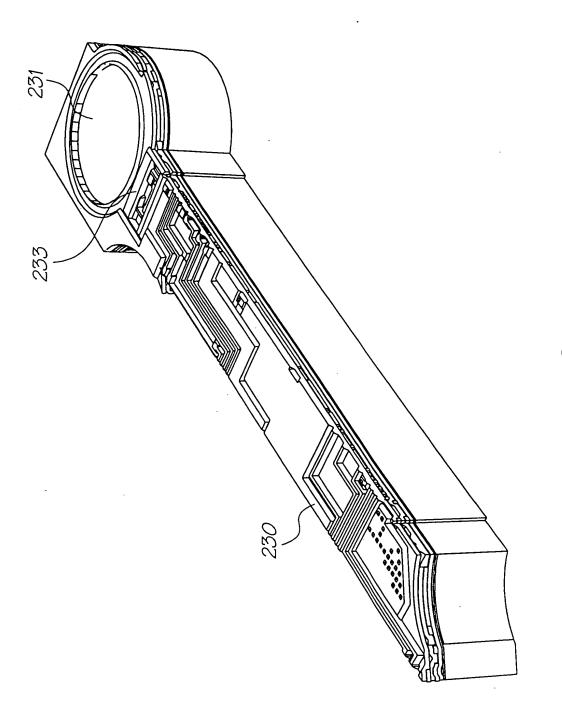
Metal 2 mask

FIG. 42

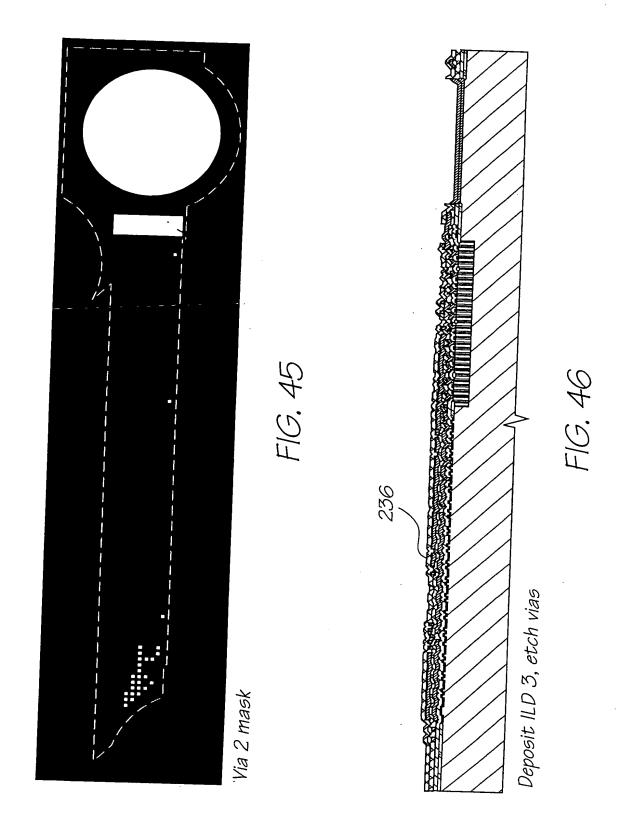


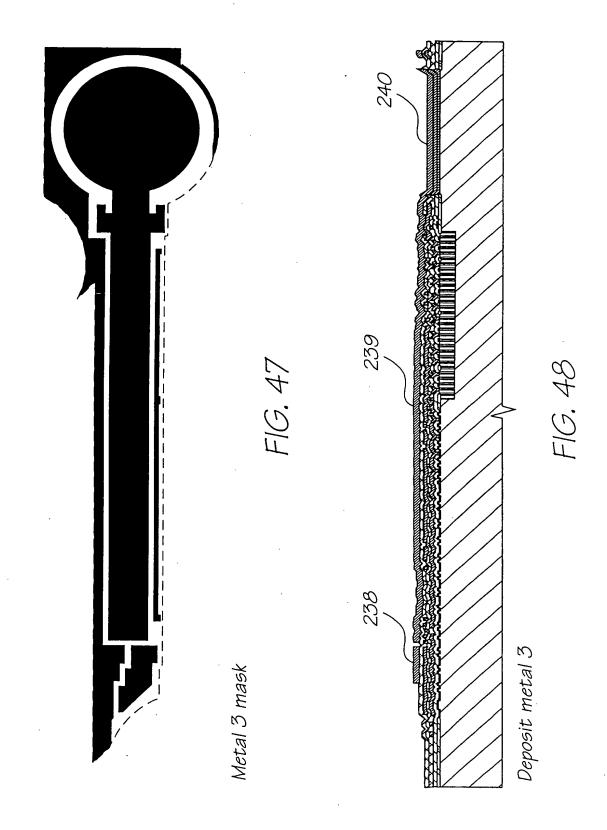
Deposit metal 2

FIG. 43



F1G. 44





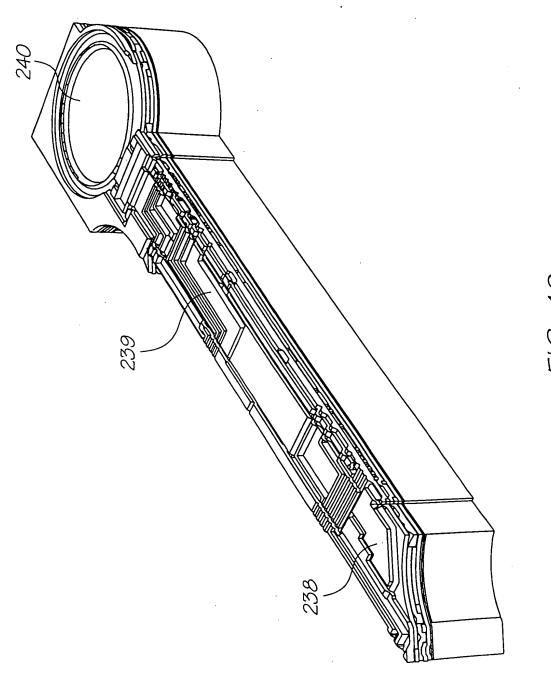
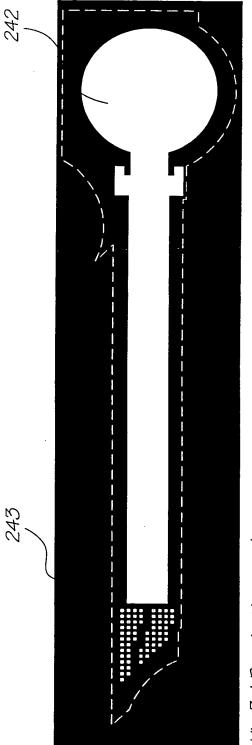
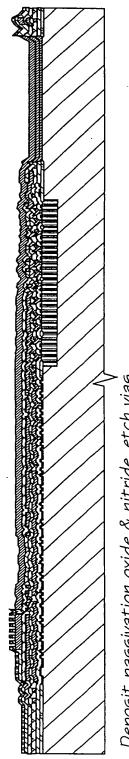


FIG. 49



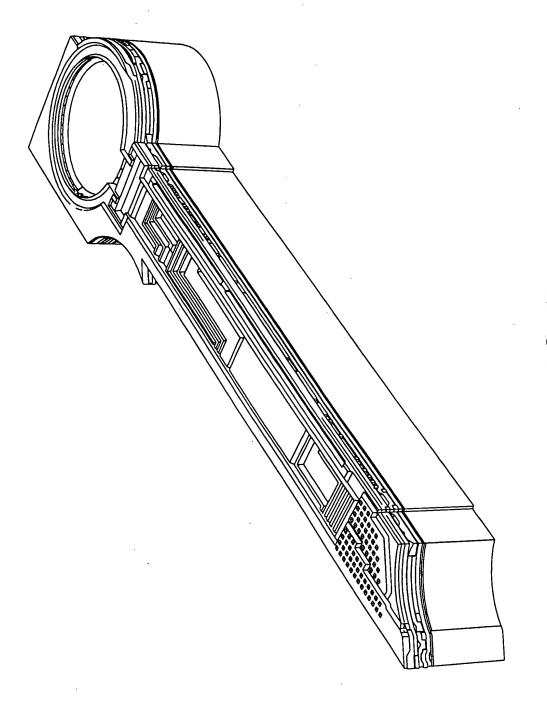
Via 3 / Passivation mask

FIG. 50

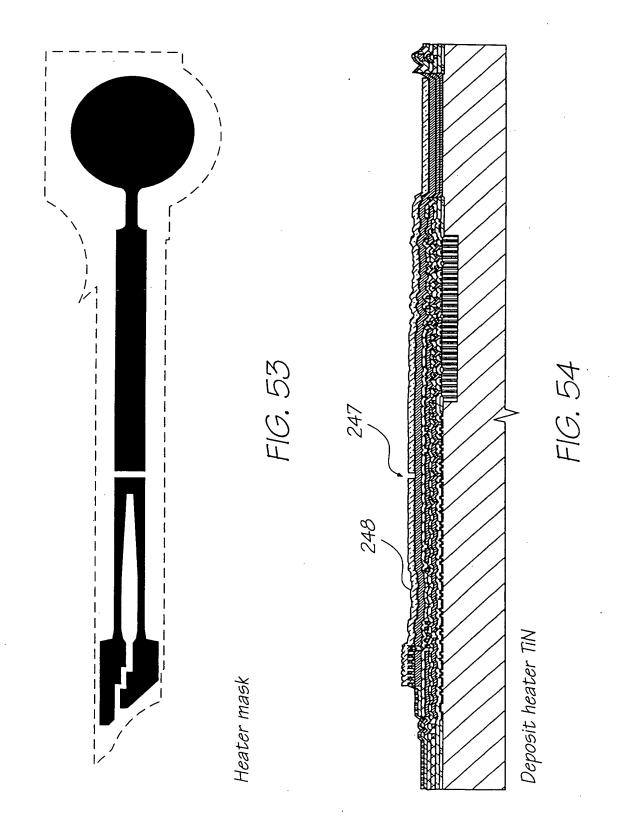


Deposit passivation oxide & nitride, etch vias

F1G. 51



F/G. 52



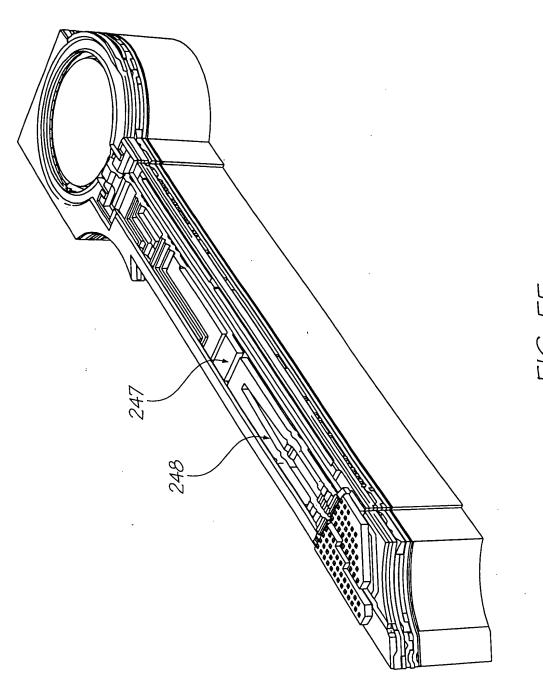


FIG. 55

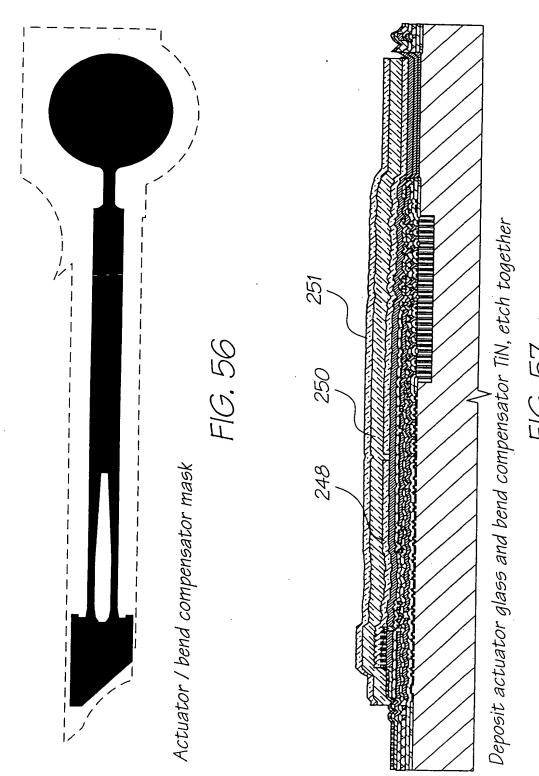


FIG. 57

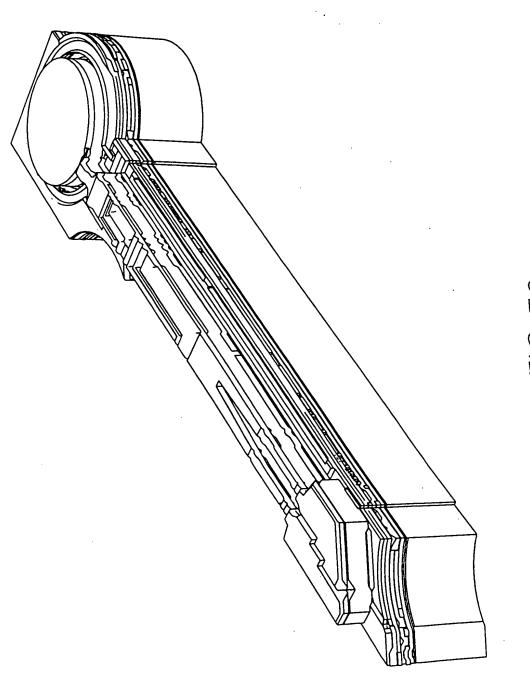
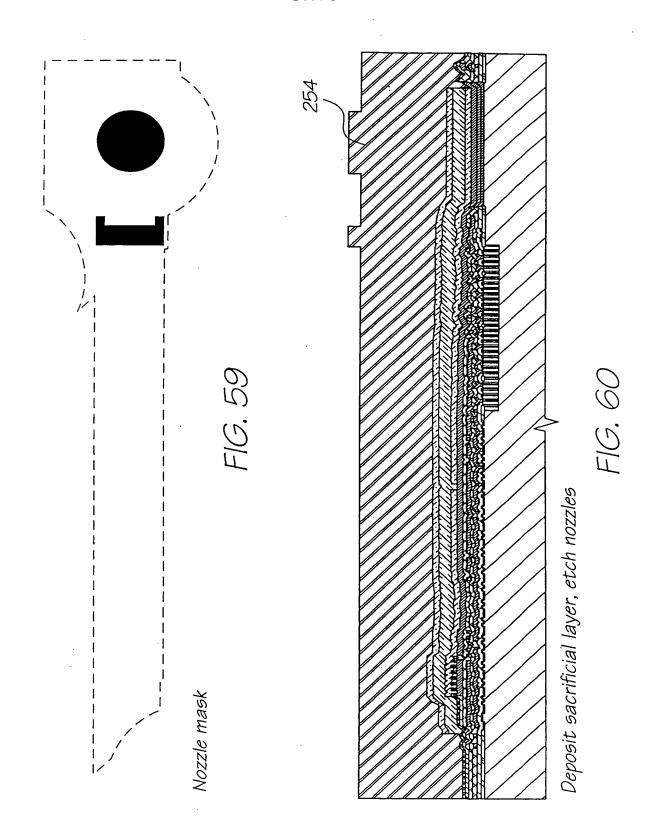
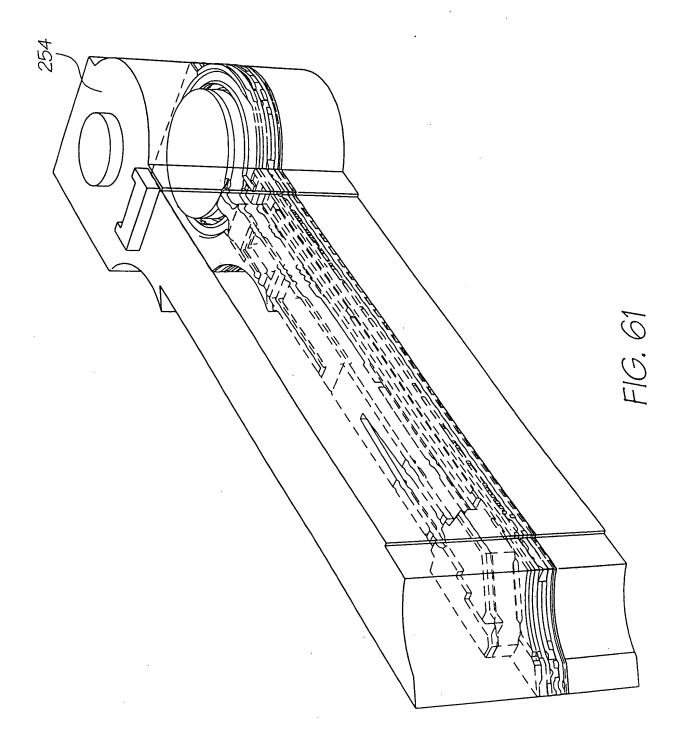
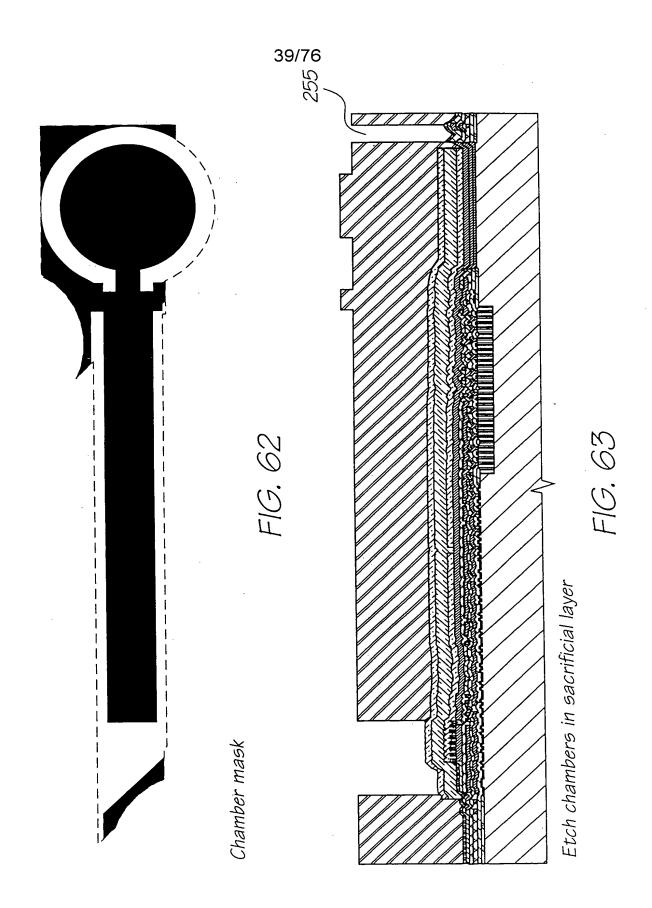
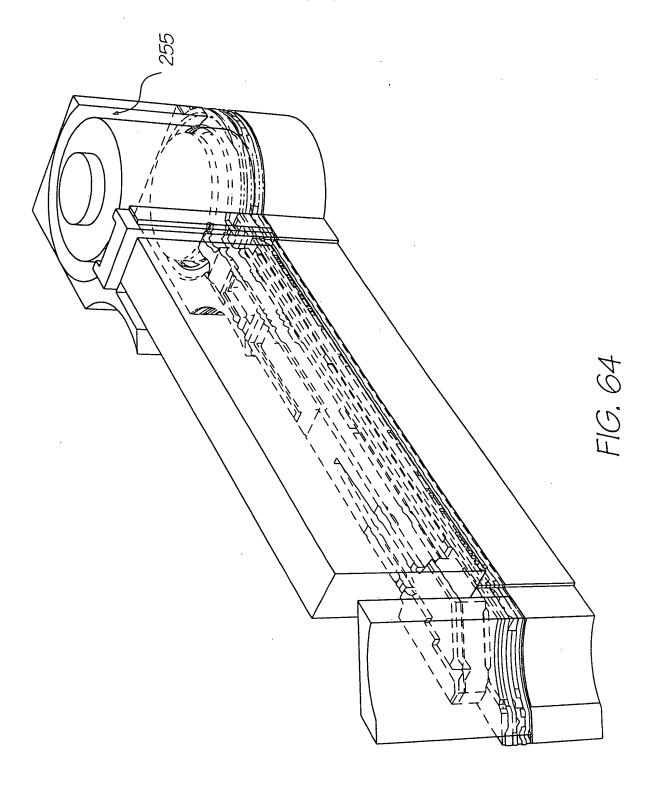


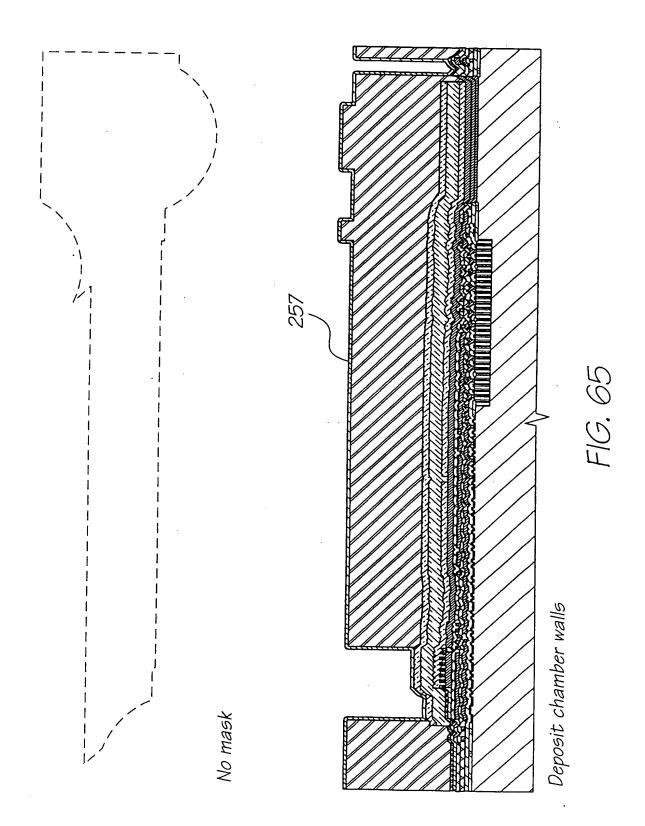
FIG. 58

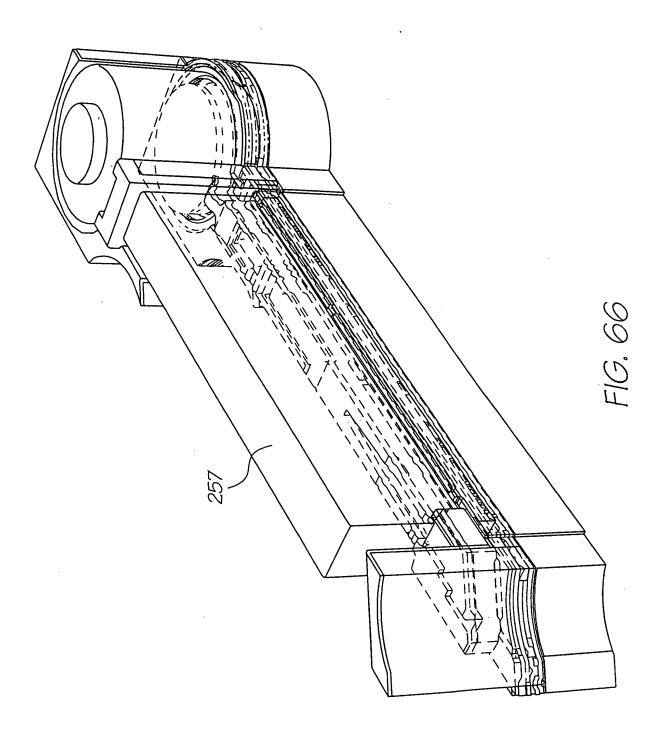


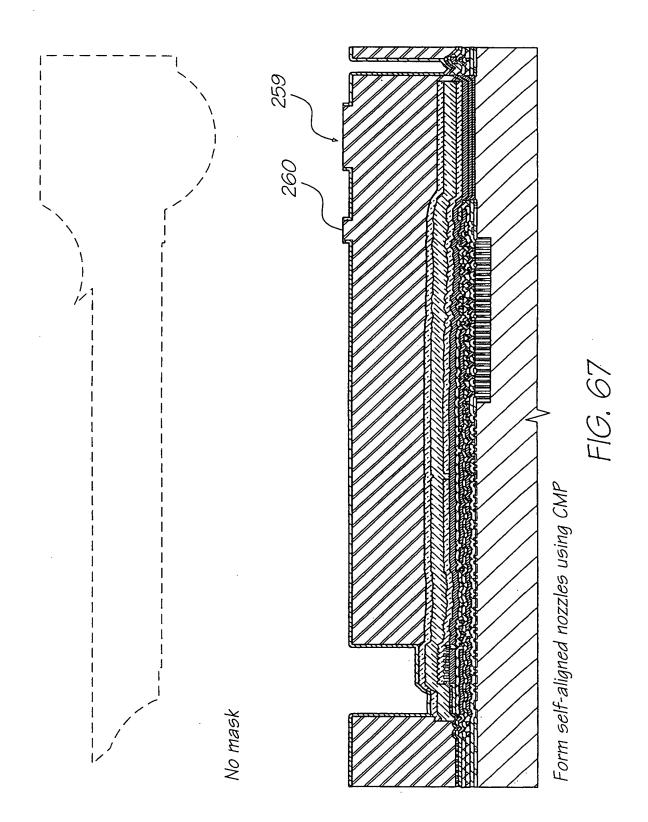


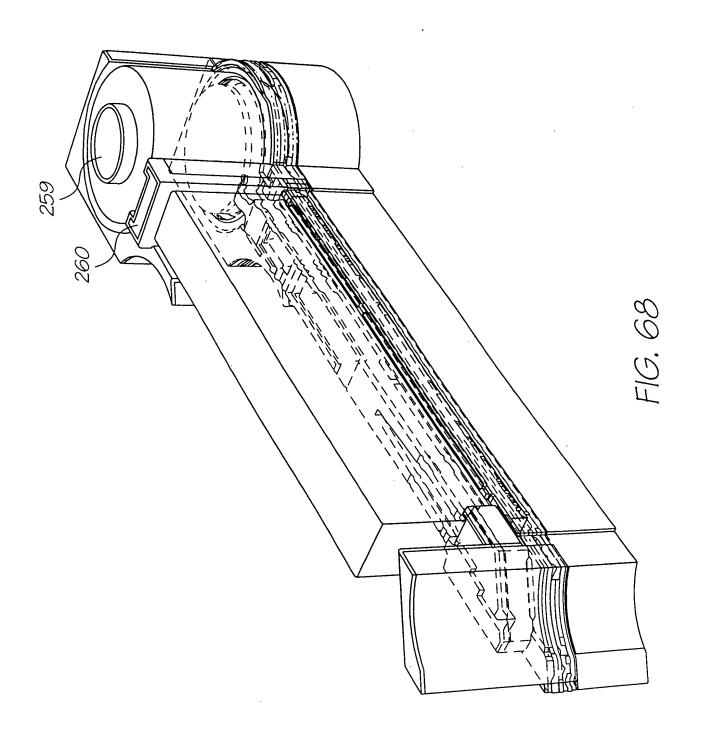


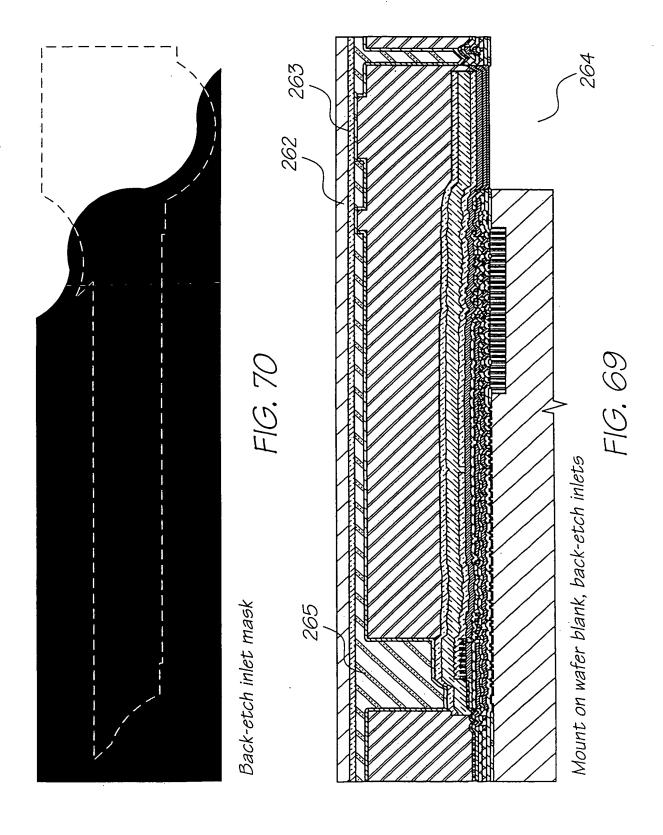


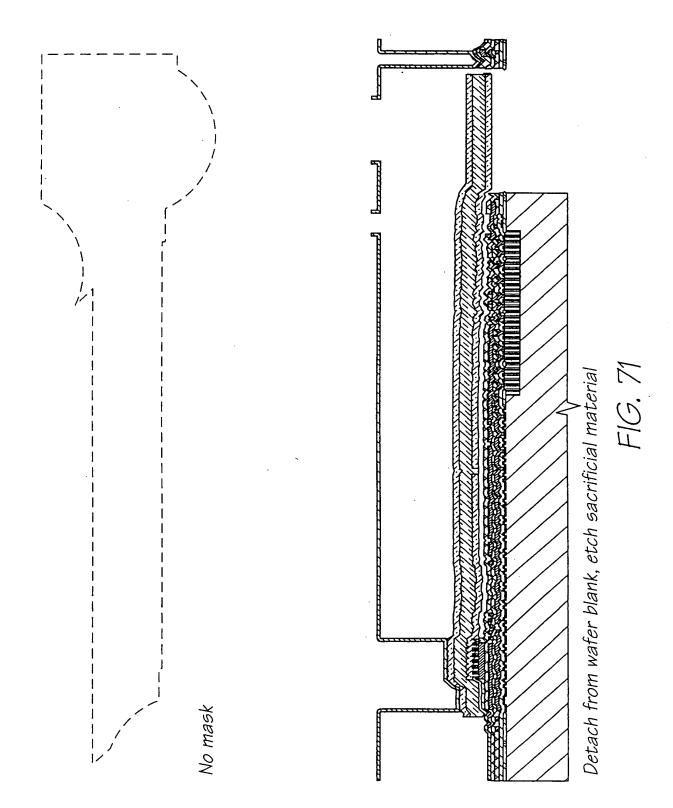


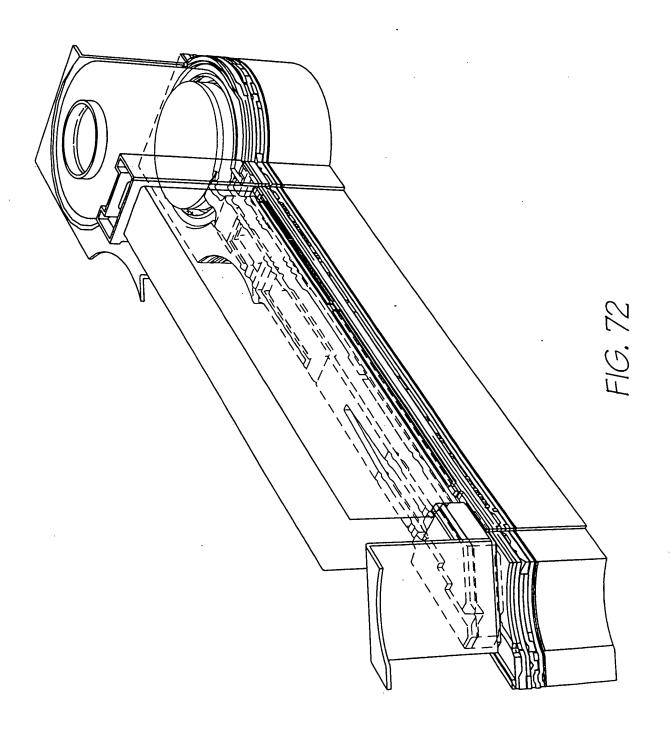


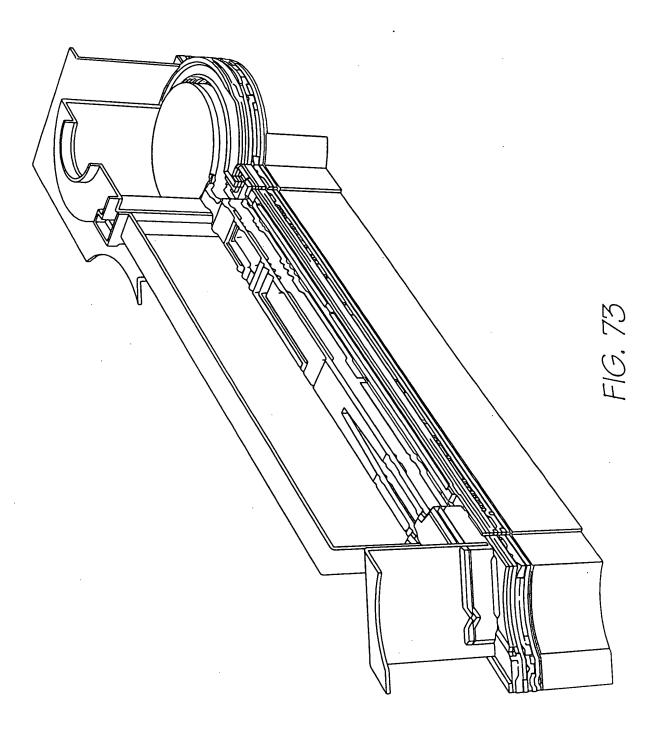


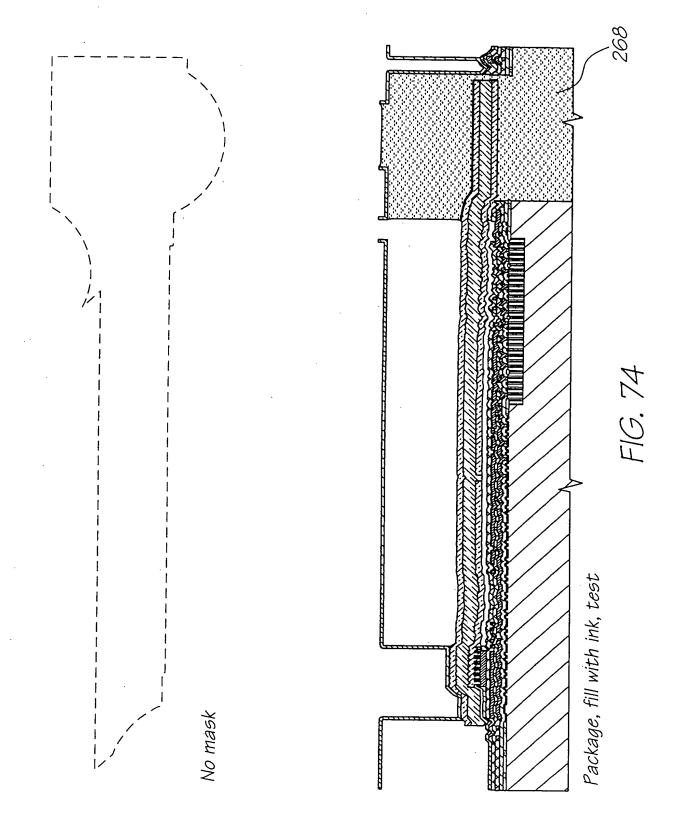


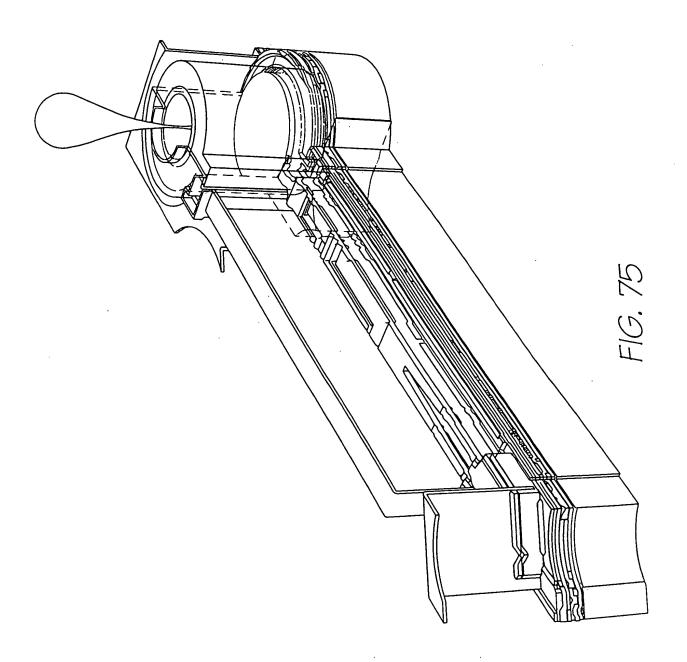


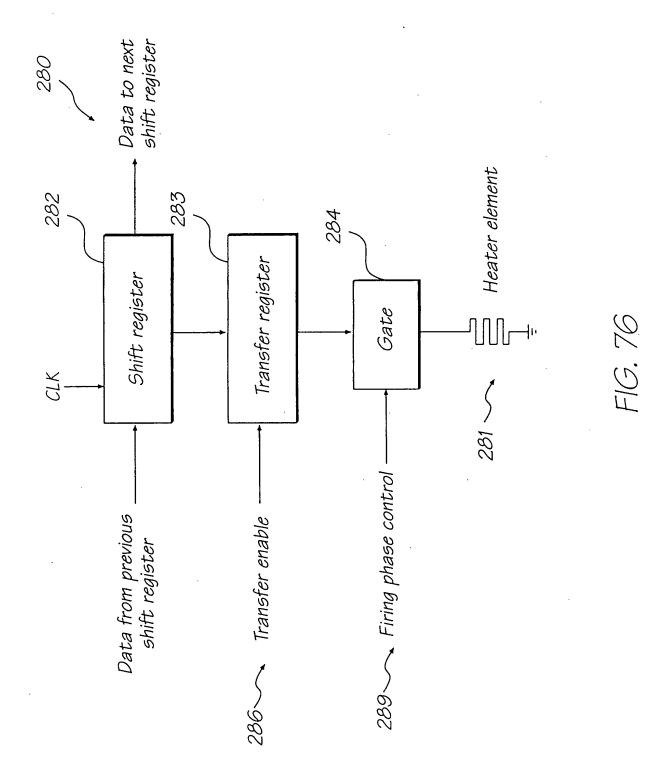












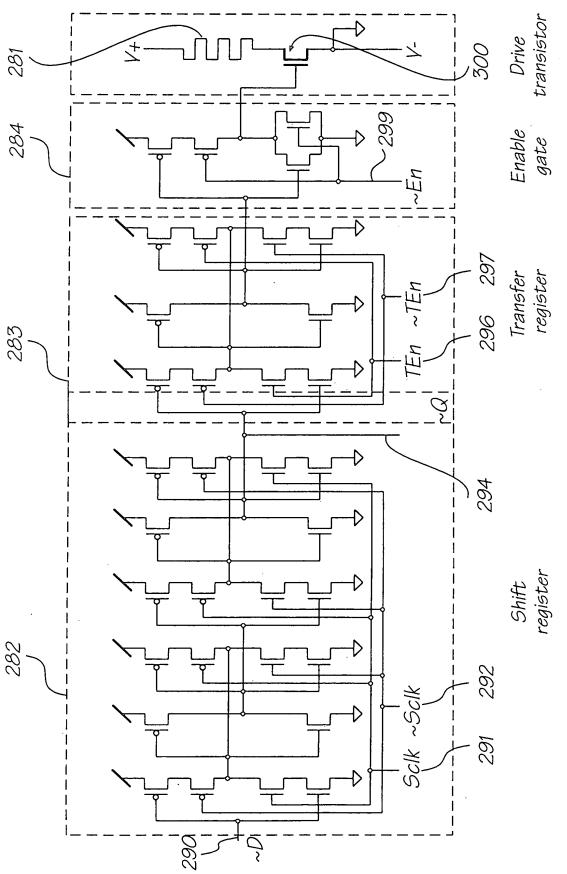


FIG. 78

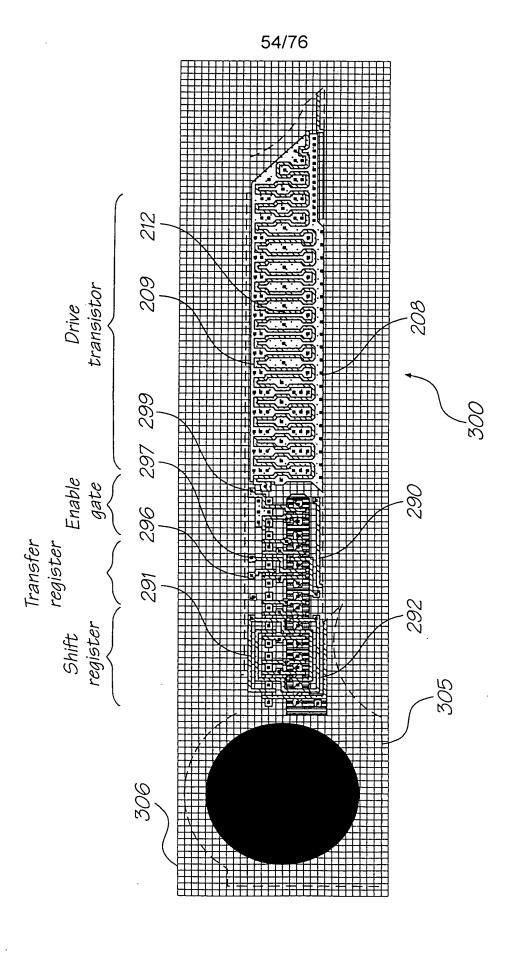


FIG. 79

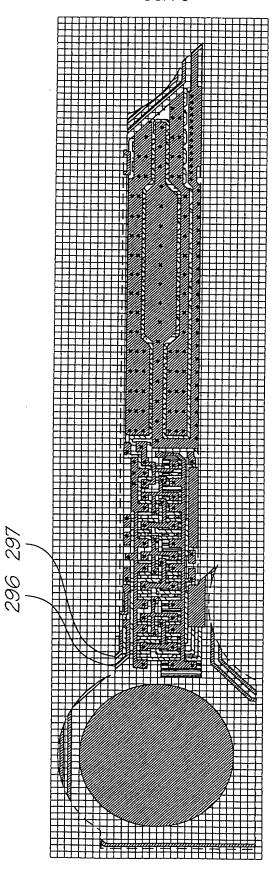


FIG. 80

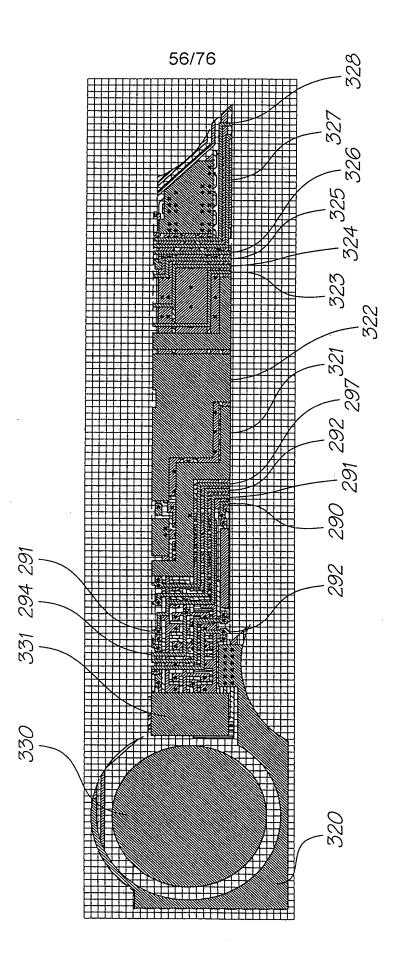
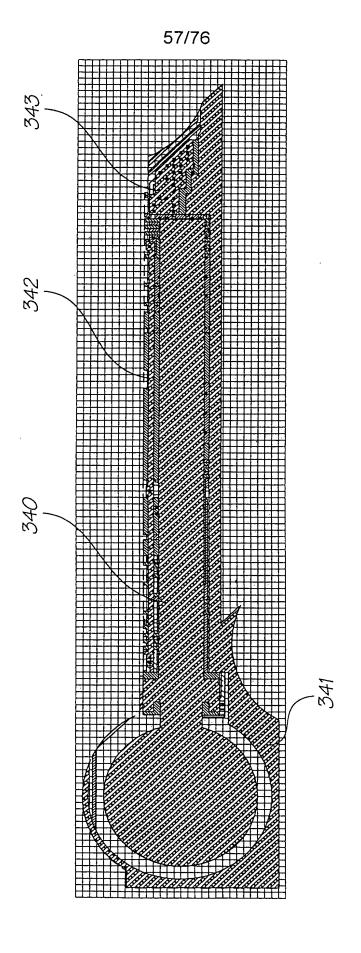
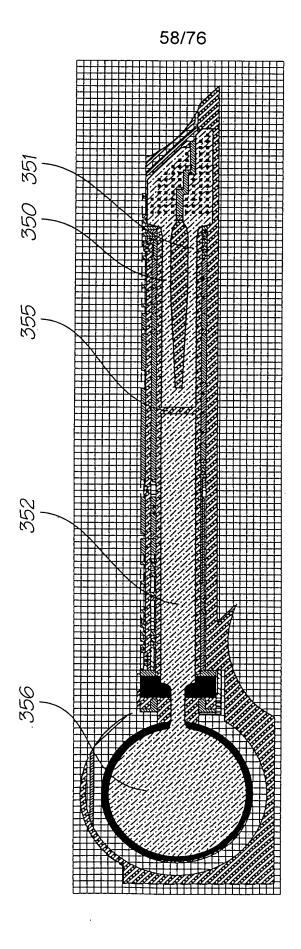
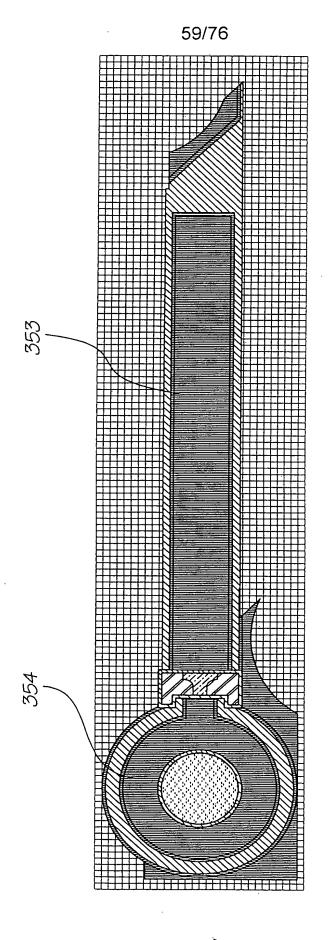
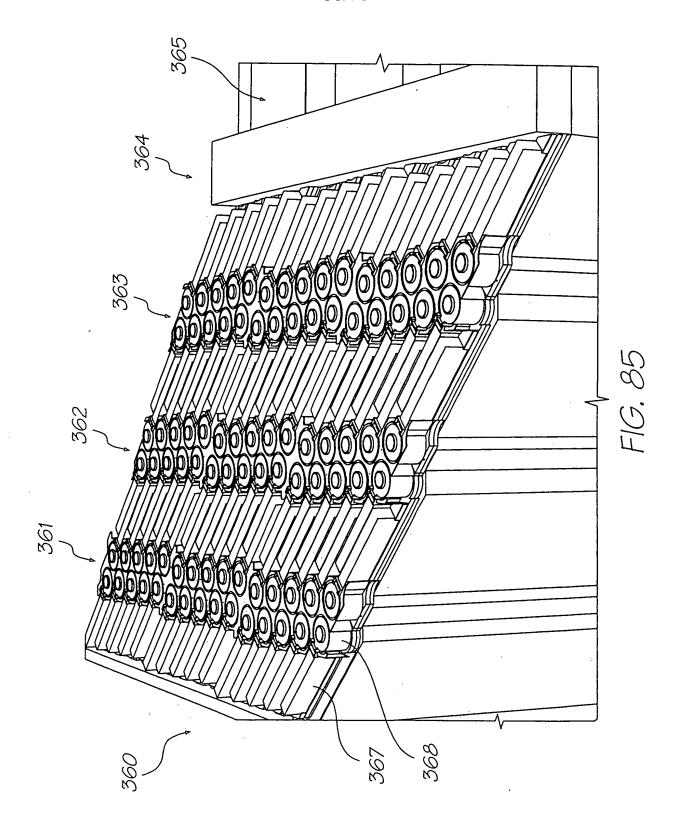


FIG. 81









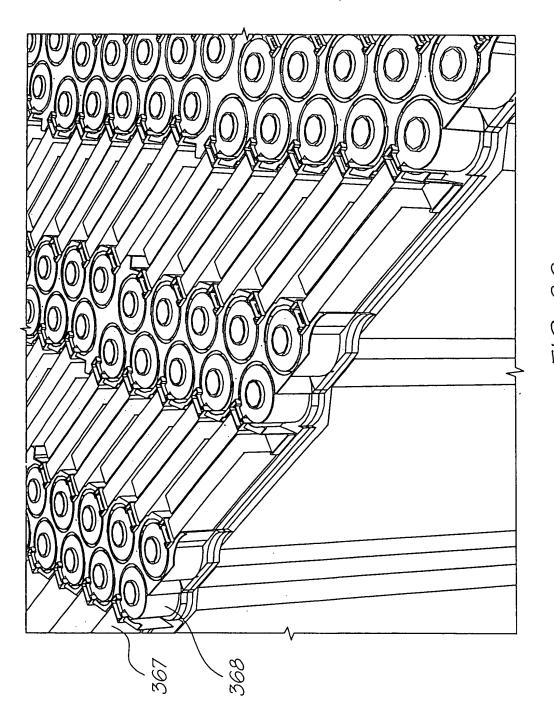


FIG. 80

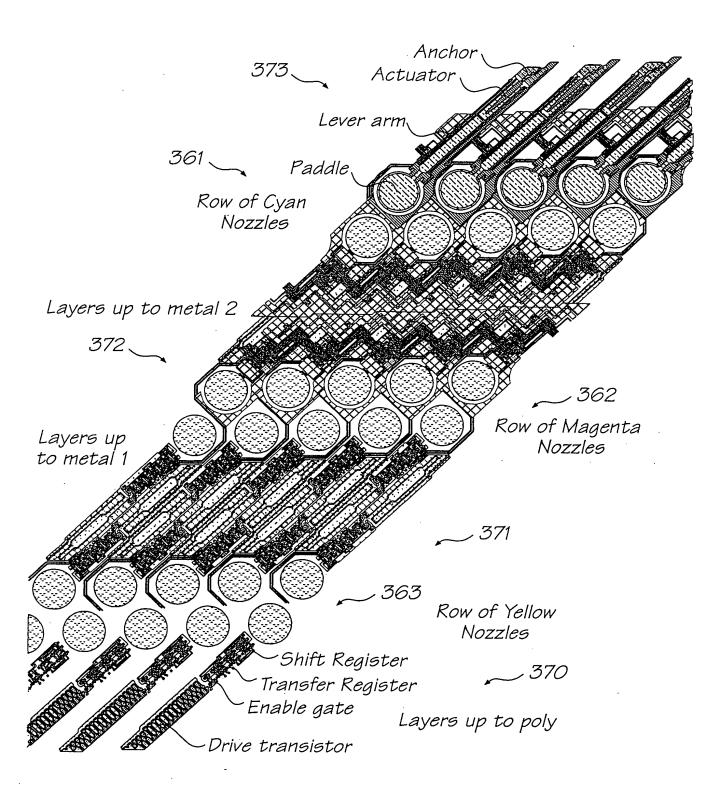
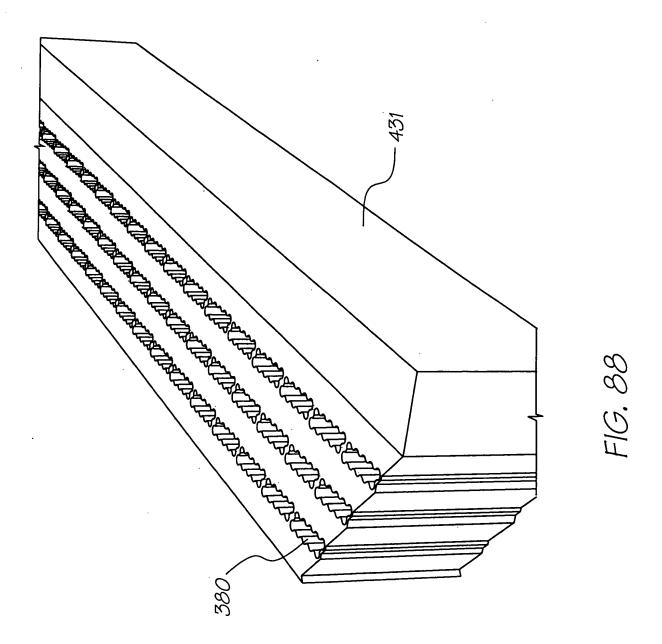


FIG. 87



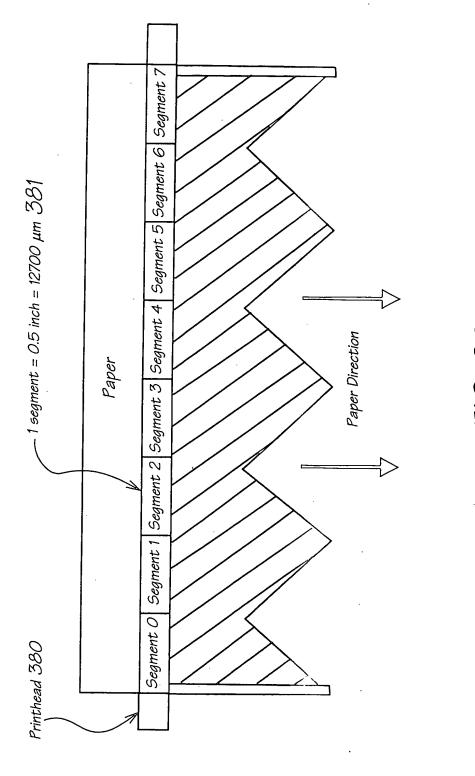
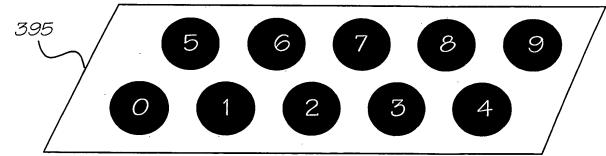
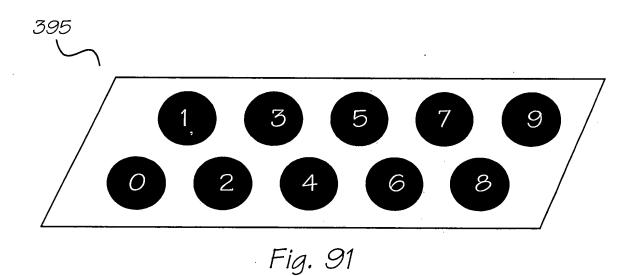


FIG. 89



A single pod, numbered by firing order

Fig. 90



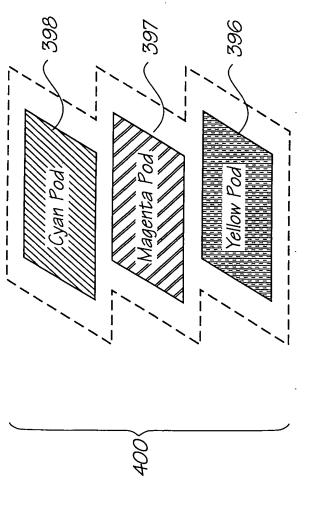
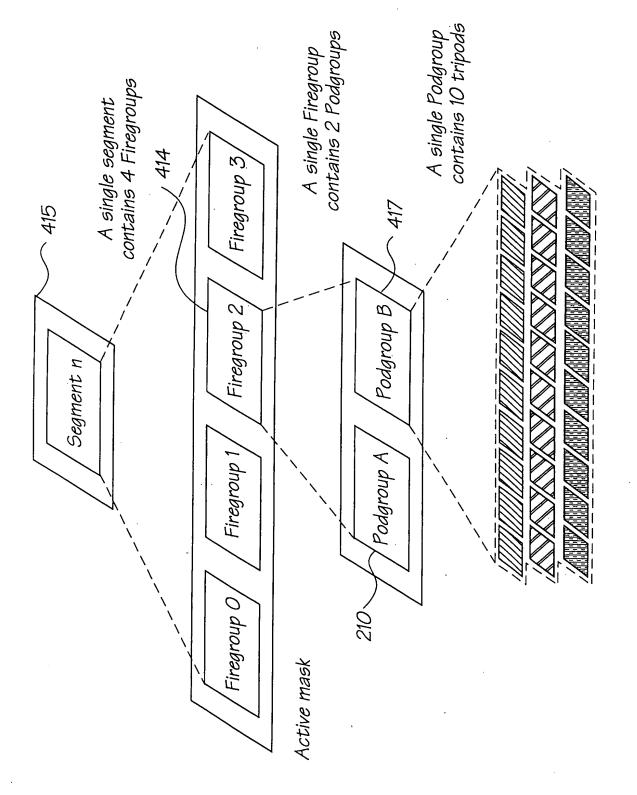
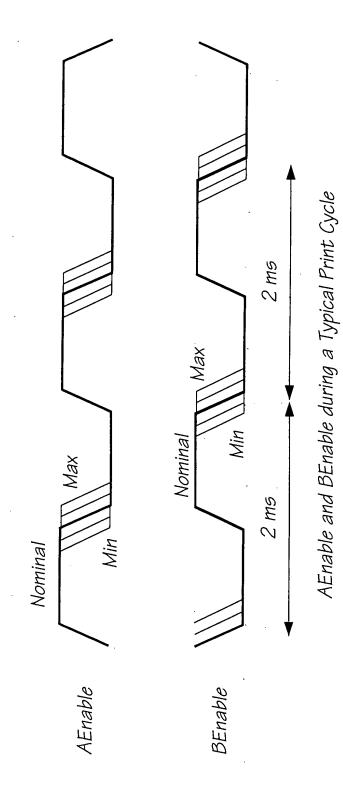


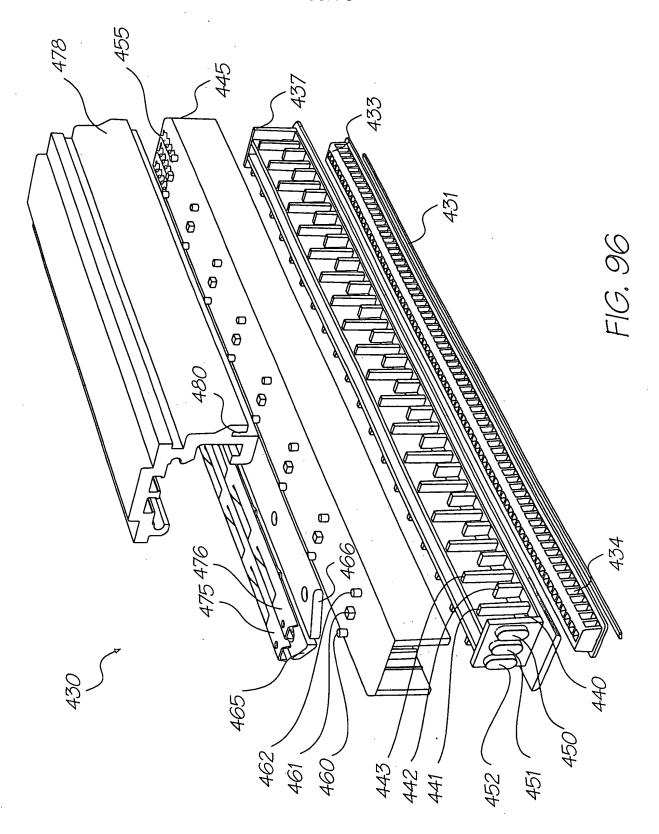
FIG. 92



F1G. 94



Fin 95



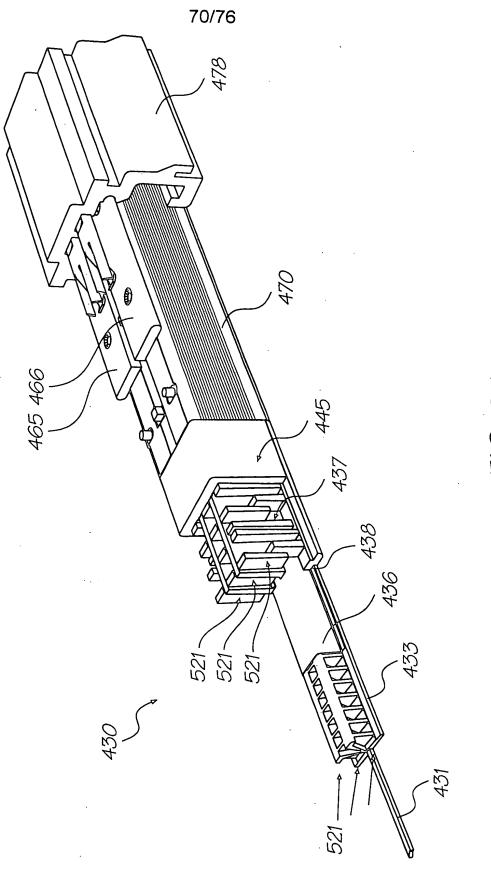
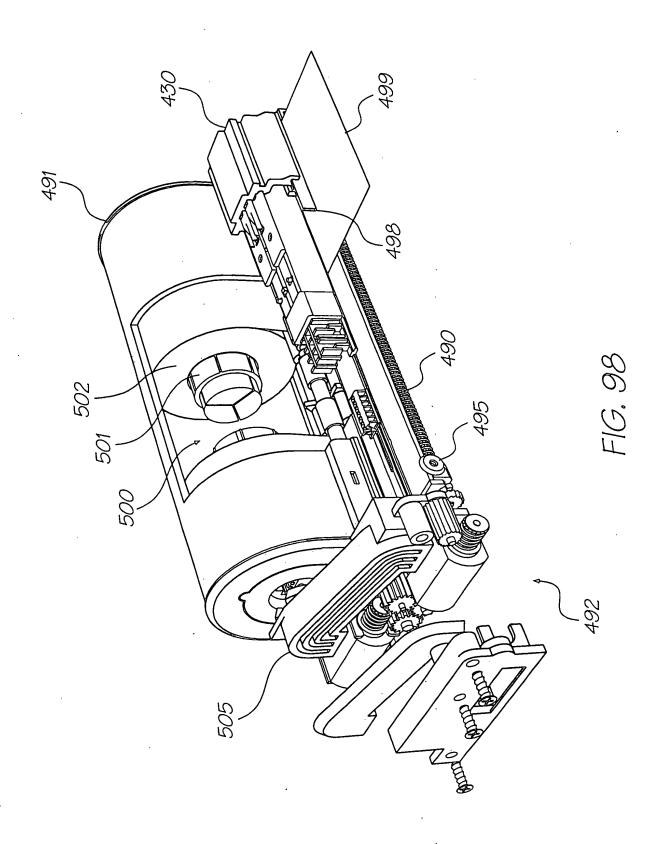
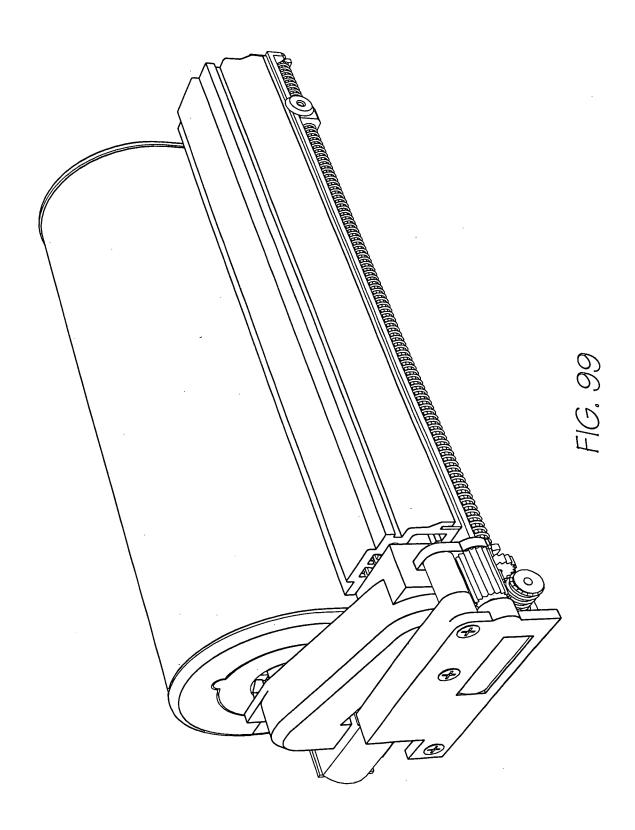
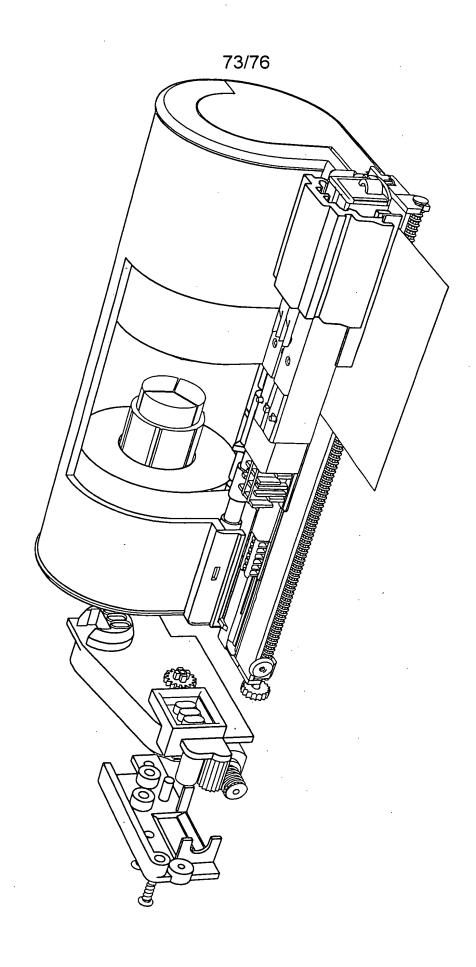
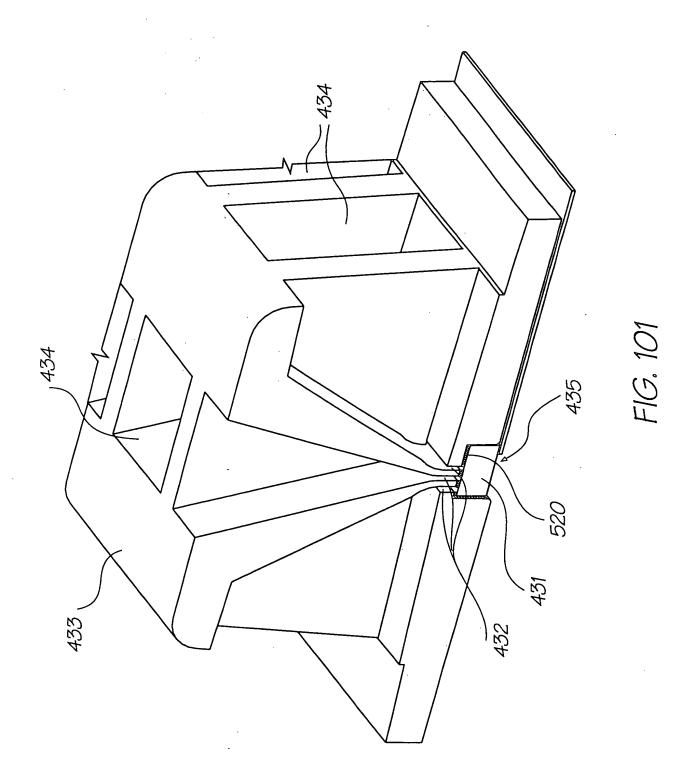


FIG. 97









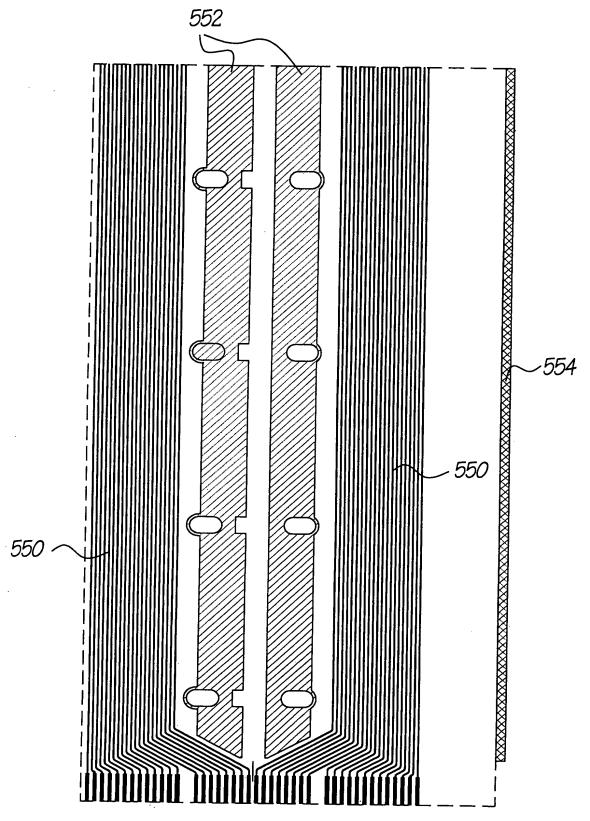


FIG. 102

